

APR 09 2009

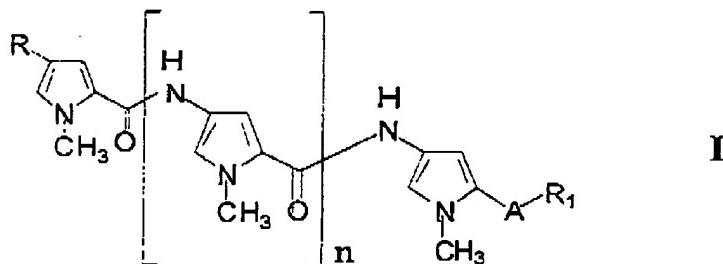
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Claims Amendment

Please add new claim 13.

1-8 (Cancelled)

9. (Previously submitted) A method for prophylaxis and /or treatment of endoparasitosis in an animal, comprising administration to the animal of an effective amount of a compound having the following formula (I):



wherein:

n is 0 or an integer comprised between 1 and 5;

R is a group R<sub>2</sub>-X-C(=Z)-NH-, in which X represents a simple chemical bond, an aromatic or heteroaromatic radical, Z represents an oxygen atom or the NH group; and:

if X is a simple chemical bond, R<sub>2</sub> is an hydrogen atom, an alkyl, dialkylaminoalkyl, alkenyl, cycloalkyl, arylalkyl, arylalkenyl, haloalkyl, or an aromatic or heteroaromatic radical;

if X is an aromatic or heteroaromatic radical, R<sub>2</sub> is nitro, amino or formylamino;

or:

R is a group R<sub>3</sub>-C(=Z)-, in which Z represents an oxygen atom or the NH group, and R<sub>3</sub> represents a hydrogen atom, the -OR<sub>4</sub> or -NR<sub>5</sub>R<sub>6</sub> group, and where:

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R<sub>4</sub> is chosen from the group consisting of a hydrogen atom, an alkyl, cycloalkyl, arylalkyl, or an aromatic radical;

R<sub>5</sub> and R<sub>6</sub>, either the same or different, are chosen from the group consisting of a hydrogen atom, an alkyl, cycloalkyl, arylalkyl, aromatic or heterocyclic radical, optionally substituted with a formylamino or a carbamoyl group; or

R<sub>5</sub> and R<sub>6</sub>, joined together form an alkylene group, or the group -(CH<sub>2</sub>)<sub>2</sub>-O-(CH<sub>2</sub>)<sub>2</sub>- or the group -(CH<sub>2</sub>)<sub>2</sub>-NH-(CH<sub>2</sub>)<sub>2</sub>-;

A represents a simple chemical bond or the group -CO-NH-Y-, wherein Y is an alkylene or aromatic radical;

R<sub>1</sub> is chosen from the group consisting of CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>, -COOR<sub>4</sub>, -B-NR<sub>5</sub>R<sub>6</sub>, -C(=NH)-NH<sub>2</sub>, a heterocyclic radical containing nitrogen, wherein:

R<sub>4</sub>, R<sub>5</sub> and R<sub>6</sub> are as defined above, B represents a simple chemical bond or the -C=O group, and:

when R<sub>1</sub> is -B-NR<sub>5</sub>R<sub>6</sub>, and B is a simple chemical bond, or when R<sub>1</sub> is a heterocyclic radical, A is not a chemical bond;

or a pharmaceutical acceptable salt thereof.

10. (Previously submitted) The method of Claim 9, wherein the compound of formula (I) is chosen between distamycin and a compound of formula (I) wherein:

n is as previously defined;

R is the -CONH<sub>2</sub> group, A is the -CONHCH<sub>2</sub>CH<sub>2</sub>- group, R<sub>1</sub> is the -C(=NH)-NH<sub>2</sub> group or the -CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub> group;

R is the -NH-CH(=NH) group, A is the -CONHCH<sub>2</sub>CH<sub>2</sub>- group, R<sub>1</sub> is the -C(=NH)-NH<sub>2</sub> group or the -CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub> group or the -CONH<sub>2</sub> group;

and the pharmaceutically acceptable salts thereof.

11. (Previously submitted) The method according to Claim 9, wherein the endoparasitosis is chosen from Trichomoniasis, Giardiasis, Istomoniasis, Amoebiasis, Coccidiosis, and Balantidiosis.

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12. (Previously submitted) The method according to Claim 9, wherein the administration is oral administration.

13. (New) The method according to Claim 1, wherein the compound of formula (I) is a compound of formula (I) wherein n is 0 or an integer from 1 to 5; R is a -CONH<sub>2</sub> group; A is a -CONHCH<sub>2</sub>CH<sub>2</sub>- group, and R<sub>1</sub> is a -C(=NH)-NH<sub>2</sub> group, and the endoparasitosis is Coccidiosis.